



SOLAR 1

Imagine a city where taxis racing along Fifth Avenue run on hydrogen fuel, where children learn to fish in the East River, and where buildings serve as their own power plants. This may sound impossible, but it's a reality that may be closer than you think...

Solar One has dedicated itself to inspiring New Yorkers to become environmentally responsible residents through environmental education, access to sustainable arts performances and energy conservation using its own solar powered building as a prototype.



S1

- The city's only stand-alone solar powered building.
- High performance green building that serves as a classroom and is a real life demonstration of what it means to use energy efficiently.

EDUCATION

Energy and the Environment

- Focused on the role of energy in the environment, students learn about important and tested scientific concepts through hands-on experiments related to electricity, energy conservation, water ecology, and the use and implementation of alternative forms of energy.
- Free classes for public schools mostly in the area around Solar One, but classes are also provided to schools outside the immediate area.
- Has reached more than 3,500 students in two years.



Estuary Education

- Centers on urban water quality by capitalizing on our East River location.



Green Building 101

- Uses Solar 1 to demonstrate renewable technologies and green building design principles.

OUTREACH



Solar Powered Arts Festival

- Blends two disciplines: arts and the environment.
- Uses film and dance as a medium for introducing energy efficiency to a broad audience with the audio portion of each powered by the energy captured on the roof of Solar One.

Green Renter

- Evening lecture series geared toward NYC tenants and residents.
- Offers lectures by local experts on ways in which we can be more energy responsible residents.

CitySol

- Summer music and green market series on Manhattan's East River waterfront, powered by the belief that bringing environmentalism to New York means first putting more New York into the environmental movement.
- Reflects solutions and innovations that make sense within the context of NYC, corresponding to its particular demands, opportunities and dilemmas.

CFL Tipping Point

- Cultivates a mainstream consumer preference for this high-performance home lighting technology in NYC.
- Broadens awareness for at-home energy efficiency measures New Yorkers can take.

SOLAR 2

Solar 2 will be a living laboratory for the exploration of critical urban environmental issues and ideas. Using a rich mix of media and methodologies, it will engage New Yorkers of all ages and backgrounds with presentations and performances, exhibits and educational programs, interactive learning opportunities, and interpretive environments and play experiences. It will provide inspiration, motivation, and access to practical tools and techniques that everyone can use to measurably improve the quality of life in their own homes and neighborhoods.

Mission



Green Energy, Arts and Education Center

- Will replace Solar 1 and will be an 8,000 square-foot net-zero building, generating more energy than it consumes.
- Will have regional and national significance, as it will be the first building of its size and kind in NYC and the East Coast.
- Will offer New Yorkers an energy efficiency and conservation program that will address the serious energy challenges we face and provide the tools required for reducing our energy consumption.

HELP US



We are powered by solar energy and generous contributions from our supporters. For information on how you can help and for additional details about our programs, please visit our website at www.Solar1.org.

Solar1.org

Contact

Solar 1 sits in the north end of Stuyvesant Cove Park, which is located along the East River between 18th and 23rd Streets. Whether you approach from 18th, 20th or 23rd Streets, you will need to cross Avenue C and walk under the elevated FDR Drive to reach the Park.

You can reach us at:

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Printed on 100% recycled, 50% post-consumer, processed chlorine-free paper, using soy and vegetable inks.